



Department of Toxic Substances Control

Alan C. Lloyd, Ph.D.
Agency Secretary
Cal/EPA

5796 Corporate Avenue
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Arnold Schwarzenegger
Governor

January 14, 2005

Mr. F. Andrew Piszkin
BRAC Environmental Coordinator
Base Realignment and Closure
Marine Corps Air Station El Toro
7040 Trabuco Road
Irvine, California 92618

APPROVAL OF 100% DESIGN SUBMITTAL, SHALLOW GROUNDWATER UNIT REMEDIAL ACTION, IRP SITE 24, VOLATILE ORGANIC COMPOUNDS SOURCE AREA, FORMER MARINE CORPS AIR STATION (MCAS) EL TORO

Dear Mr. Piszkin:

The Department of Toxic Substances Control (DTSC) has reviewed the subject document dated December 2004, prepared by Weston Solutions, Inc. The 100 percent design submittal provides the completed engineering design, specifications, and implementation methods to be followed during the remedial action. The document includes the Construction Quality Control Plan and the Contingency Plan.

Based on our review of the document and responses to DTSC's comments dated August 2, 2004, this 100 percent design submittal for the Shallow Groundwater Unit is conditionally approved subject to the following conditions:

1. Response to Specific Comments #2 & #5: It is acceptable to use view ports for leak detection observation instead of remote leak detection system. However, more labor intensive inspections need to be included in the Operation and Maintenance (O&M) Manual when the manual is developed.
2. Response to Specific Comment #12: DTSC prefers Summa canisters instead of Tedlar bags for the collection of vapor samples. The collection methodology, holding time, etc. may be addressed in the O&M Manual.

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If you have any questions, please contact Mr. Tayseer Mahmoud, Senior Hazardous Substances Engineer, at (714) 484-5419.

Sincerely,

Manny Alonzo
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Southern California Operations Branch

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